

Wisconsin Office of Energy Independence

Application Form

Due December 15th, 2008

ATTACH NARRATIVE TO APPLICATION FORM		Application Date: December 12, 2008
Community Name: Brown County, Wisconsin		
Primary Contact Name (First, Last): Molly Hillmann		
Primary Contact Title: Grant Development Coordinator		
Mailing Address: 305 E. Walnut Street		
City: Green Bay	Zip: WI	County: USA
Phone: (920) 448-4083	Fax: (920) 448-4036	Email: hillmann_mm@co.brown.wi.us
Employer ID Number (W-9): 39-600-5671		Amount Requested: \$ 57,700
(NARRATIVE SECTION) Governmental facilities inventory <i>(please see attached proposal)</i> (i.e. 3 offices, 2 garages, 1 public health facility, etc. and approximate total square footage.)		
Technical Requirements (activities from at least 2003 to the present) (Describe existing energy conservation, energy efficiency, and renewable energy efforts -- policies, ordinances, etc.)		
Buildings/facilities/infrastructure		
Vehicles/fuel		
Generation (if applicable)		
Costs associated with an EIA. (Provide/attach quotes, if available)		
Population (of all communities serviced by this award, please list individually, and provide total citizens impacted)		
Leveraged funds (list all sources and amounts)		
Energy Independence Coordinator and Energy Independence Team **Please see definitions section (Describe how your community will develop the EI Coordinator and EI Team. If you already have a sustainability task force, committee, etc, please list all personnel involved and work-related experiences.)		
Other Information (Demonstrating exceptional efforts, programs or projects)		
Signature: <i>Molly Hillmann</i>		Date: 12-10-08

Application Due by December 15th, 2008. Submit completed application to:

Brian Driscoll
 Office of Energy Independence
 17 West Main St. Room #429
 Madison, WI 53703
 608-261-8146
brian.driscoll@wisconsin.gov

For Internal Use Only		
Date Received:	Reviewed by:	Score: <input type="checkbox"/> A <input type="checkbox"/> R
<input type="checkbox"/> Letter Sent Date:	Contract Start Date:	Contract End Date:

Wisconsin Office of Energy Independence
2009 EI Community 25x25 Plan Grant
Brown County, Wisconsin
December 12, 2008

TABLE OF CONTENTS
(in order of application requirements)

	Page
Sustainability Resolution	1
	<i>see also Appendix A</i>
Mission and Philosophy	1
25x25 Plan Goals and Objectives	1
Existing Conservation Efforts	2
Local Collaboration Effort	5
EIA Cost Proposal (including Leveraged Funds)	5
	<i>see also Appendix B</i>
Population and Regional Information	5
Energy Independence Personnel	6
Education and Promotion	8
Other Information/Exceptional Efforts	9

Brown County, Wisconsin, in a collaborative partnership effort with the Oneida Tribe of Indians, is pleased to submit this grant application to the Office of Energy Independence to participate as a pilot community in Wisconsin's Energy Independent Communities: 25% by 2025 Plan.

We believe Brown County has demonstrated a strong belief, ability and eagerness to promote conservation, energy efficiency and renewable energy resource initiatives over the past several years, and we look forward to securing an even stronger relationship with OEI, as a grant award recipient, to take those measures to the next step of a comprehensive 25x25 Plan.

To further formalize our commitment to this endeavor, on December 8, the Brown County Executive Committee unanimously passed a formal resolution in support of Brown County becoming a 25x25 EI Community. A copy of this resolution is attached for your review.

SUSTAINABILITY RESOLUTION

Please see Appendix A for a copy of the Sustainability Resolution unanimously passed by the Brown County Executive Committee on December 8, 2008. This resolution will be presented to the full County Board of Supervisors on December 17, 2008 for approval.

MISSION AND PHILOSOPHY

Sustainability is defined as meeting the needs of the present generation without compromising the ability of future generations to meet their own needs. As you will see from our mission and philosophy below, Brown County is all about “practical government”—serving the citizens of our region as responsibly and efficiently as possible. There is nothing more socially and economically responsible than a commitment to sustainability.

The mission of Brown County government is to provide our citizens with a high level of responsible and efficient public services that support the health and well being of our residents.

Working in county government requires a committed way of life, one which is dedicated to continually seeking ways to improve the services we provide to our community.

25X25 PLAN GOALS AND OBJECTIVES

Goal: By the year 2025, the government of Brown County, Wisconsin, will become 25% energy independent in accordance with Wisconsin’s “Declaration of Energy Independence” 25x25 Plan.

Objective 1: By January 2009, Brown County will become an energy independent pilot community.

- Brown County will officially commit to becoming a sustainable community through passage of a formal resolution by the Brown County Board of Supervisors.
- Brown County will be chosen as an award recipient for the 25x25 Plan Grant offered through the OEI.

Objective 2: By March 2009, Brown County will complete an energy independence assessment.

- Working with our local U.W. Extension and with other tools provided by the OEI, Brown County will collect the necessary data to complete this assessment.

Objective 3: By December 2009, Brown County will have documented a comprehensive plan to become 25% energy independent by 2025.

- With leadership from our Energy Independence Coordinator and oversight from our Energy Independence Team, Brown County will adopt feasible guiding principles for sustainability.

Objective 4: During the next 24 months, Brown County will educate and train internal government staff and officials to create an integrated approach to community sustainability.

- Utilizing our local U.W. Extension, Brown County will develop education methods, procedures and media to be shared across all county departments.

Objective 5: On a continual basis, Brown County will communicate and promote our 25x25 commitment and efforts to our community and citizens to encompass all Brown County entities.

- Utilizing our local U.W. Extension, Brown County will develop promotional media, workshops and instructional materials for collaboration and use by the general public.

Objective 6: On a continual basis, Brown County will track, record, measure and report progress and results of our energy independence efforts.

- Utilizing our local U.W. Extension, Brown County will develop and utilize evaluation tools to measure knowledge gained as well as practices changed with the community.

FACILITIES AND VEHICLE INVENTORIES

Brown County government encompasses over 180 buildings and structures totaling over 2 million square feet, as well as a 380-vehicle/heavy equipment fleet.

EXISTING ENERGY CONSERVATION EFFORTS

Because of the massive scope of services that Brown County offers to its more than 240,000 citizens, the County's energy conservation efforts are widely diverse. From the replacement of an old boiler system with high-efficiency Thermifac gas-fired hot water heaters at the Central Library to the conversion of landfill gas to energy, Brown County has been concentrating on ways to conserve energy and become more environmentally friendly for over 10 years. Some of the major initiatives of these efforts include the following:

LEED Building Designs

Through efforts by our Facility Management Department, Brown County has been participating in LEED certified building and remodeling practices for several years. Our Request for Proposal (RFP) process for construction contains green and sustainability criteria as well as options for LEED certification levels of construction which are lead by LEED-certified architects and construction managers.

Two LEED projects currently in process include the construction of the Brown County Community Treatment Center (BCCTC) to replace the aging Mental Health Center, and the construction of the new 9-1-1 Communication Center which is being built over a section of the existing Jail building.

The BCCTC is on track to be certified as a LEED Silver building, designed to consume 29% less energy and 30% less water than traditional buildings. In this project, great care has also been taken to minimize construction disturbance on the environment which includes utilizing 20% recycled materials and another 20% of materials harvested and manufactured within 500 miles of the project site. In addition 75% of all construction waste is being recycled. The BCCTC is also incorporating green landscaping practices and establishing a public transportation route, bicycle storage and preferred parking for energy efficient vehicles.

Expected to be complete by the summer of 2009, the 9-1-1 Communications Center is being constructed over an existing building which alone is a major green initiative. This construction option allows sharing of existing locker rooms, break rooms, security systems, lighted parking lots and use of a large emergency generator.

In addition to the County construction in process, the Facility Management Department, in collaboration with several other County departments, has been participating in a series of LEED building webinars over the past year to remain educated and up-to-date with current LEED practices.

Green Building Maintenance

In 2007, the Facility Management department incorporated the use of green cleaning materials and procedures for all County buildings as outlined in the Johnson Diversey ResponsibleSolutions™ Program. This program qualifies under the U.S. Green Building Council's LEED Program for safe, healthy, responsible and environmentally-preferable maintenance practices. In addition, the facilities housekeeping schedule was reorganized so that the majority of cleaning and maintenance is performed during the mid-day, rather than at night, to save energy through the lighting/heating/cooling of buildings after hours.

Energy-Conscience Policies and Guidelines

Brown County has implemented several administrative policies and guidelines regarding energy-saving measures for County staff. Some of these measures include an appliance policy outlining the proper use of kitchen appliances and space heaters; guidelines on electrical equipment and lights on/off in areas where automatic shut-offs are not appropriate; internal recycling guidelines for both paper and plastic/glass/aluminum; and a double-sided copy initiative where applicable to save paper.

Energy Assessments and Subsequent Conservation Measures

With assistance and oversight from Facility Management, many County departments and entities have coordinated with Focus on Energy (FOE) to have energy audits of their operations conducted over the past several years. Whether these departments are internal central-service work locations for county employees or public venues such as Austin Straubel Airport or Syble Hopp School, this coordination has lead to over \$50,000 in FOE grant funds being approved for the County since 2003, as well as the implementation of numerous energy-saving measures. Just some of these measures include:

- Installation of Energy Management Systems
- Installation of lighting sensors, programmable thermostats, automatic timers, etc. where appropriate
- Installation of centralized environmentally-friendly Blade Server technology and storage area network (will ultimately reduce power/cooling requirements by 85%)
- Replacement of inefficient boiler, chiller, hot water, air handling and HVAC systems with high-efficiency systems (some of which are solar-powered)
- Replacement of old roofs, insulation, windows, skylights, etc. with high-density, more energy-efficient versions
- Replacement of light fixtures with energy-efficient LED or CDL fixtures
- Installation of low-flush and low-flow plumbing fixtures and waterless urinals
- Higher efficiency regulators and quartz usage for heavy-duty lighting such as that utilized on the Airport airfield
- Scheduling and completion of regular preventative maintenance programs on various buildings and equipment

Sustainable Comprehensive Planning Guides

Brown County's Planning and Land Services (PALS) department takes the lead on an energy independence philosophy or "big picture" way of thinking for our government and communities. With leadership and mentoring from the PALS department, each municipality in Brown County has adopted a Comprehensive Plan that is the guiding document for future growth in the community. The primary purpose of these plans is to set goals for attaining a desirable development pattern, devise strategies and recommendations the municipality can follow to achieve its desired development pattern, and meet the requirements of the State of Wisconsin Comprehensive Planning Law.

Each of these Comprehensive Plans contains a section on sustainability, defined as "the intersection of where the needs of the economy, the environment, and society are met." Communities that employ this new model of sustainable development are often termed "eco-municipalities". Eco-municipalities utilize a systems approach to economic development that includes widespread community awareness raising, integrated community involvement, and common sustainability language based on the "natural step" framework. The natural step framework includes four broad-based goals:

- Eliminate community's contribution to fossil fuel dependence and wasteful use of scarce metals and minerals.
- Eliminate community's contribution to dependence on persistent chemicals and wasteful use of synthetic substances.
- Eliminate our community's contribution to encroachment upon nature (e.g., land, water, wildlife, forests, soil, ecosystems).
- Meet human needs fairly and efficiently.

In addition to Comprehensive Plans for municipalities, the Brown County Comprehensive Plan, adopted in 2004, promotes sustainability practices to improve energy efficiencies, provide alternative transportation options, protect the environment, promote economic development and preserve the quality of life in Brown County.

Brown County Planning and Land Services is also responsible for a number of innovative County-wide initiatives with regard to energy savings and sustainability for the community. For instance:

- Brown County was the first in the state to implement roundabouts into our communities back in 1999. These innovative systems reduce vehicle "stop-and-go", reduce traffic light energy usage and are pedestrian-friendly which encourages more walking and bike-riding.
- Brown County is only one of two municipalities in Wisconsin (Milwaukee being the other) included on Google Transit, a bus trip planning program offered free on the Internet. Citizens can enter their origin and destination information, and the program outlines what bus route is needed, pick-up locations and real-time travel time estimates and schedules.
- Brown County Planning employees develop energy-saving initiatives with Green Bay Metro Transit Services which offers 1.7 million rides per year servicing Green Bay, Allouez, DePere, Ashwaubenon, Bellevue and the Oneida Tribe. Recent efforts including the completion of a "How to Ride the Bus" video and equipping buses with bike racks.
- Brown County has been chosen to participate in a \$400,000 Brownfield grant for assessment and redevelopment of polluted or potentially-polluted properties in Brown County.

Gas-to-Energy Project

Brown County's Port and Solid Waste department has been working on an exciting biomass energy generation project for the past several years. The Landfill Gas-to-Energy project will convert the methane gas produced from the decomposition of organic matter in the county's East Landfill to electricity that will then be sold back to Wisconsin Public Service utility company. During 2009, a landfill gas-to-energy facility will be constructed at the closed East Landfill, with electricity expected to be generated and sold by the end of 2009.

Waste Transformation Project

Headed up by Brown County's Land and Water Conservation department, the Brown County Waste Transformation Project is another unique and exciting sustainability initiative that we are undertaking. This project is a public/private partnership that consists of converting organic waste streams from meatpackers, renderers, sewerage districts and dairies to a pelletized pathogenic-free fertilizer to be used all over the United States.

Partners in the project include Brown County, Green Bay Area Chamber of Commerce, Ag Ventures LLC, Daanen & Janssen Inc., FEECO International and its partner ENCAP and the Green Bay Metropolitan Sewerage District. Additional partners may include American Foods Group, Smithfield Beef Group, Sanimax and several Northeast Wisconsin Concentrated Animal Feeding Operations.

Brown County's goal for this effort is to create a financially viable alternative to land application of the various organic wastes; create a new industry with new jobs that cannot be exported to foreign countries; and manufacture natural fertilizers with technologies that reduce nutrient loss, thus providing a real solution for today's environmental issues.

COLLABORATIVE PARTNERSHIP

Brown County and the Oneida Tribe of Indians have enthusiastically agreed to a collaborative partnership with regard to the EI Community 25x25 Plan. Over the past several years, the Oneida Tribe and Brown County have developed a strong government-to-government relationship; and during 2008, we entered into a service agreement which recognizes each government's role and responsibilities within the community. This agreement also makes a commitment to communicate and partner with each other when it is beneficial to our membership and taxpayers.

The Oneida Tribe holds deep-rooted a fundamental commitment to protect our Mother Earth through initiatives that are easily shared with others to model. Representatives from Brown County and the Tribe have met to share some of the energy initiatives that each has undertaken, and their Director of Environmental, Health and Safety Division has accepted a position on the Brown County Energy Oversight Committee. Leadership from both entities will continue to meet and exchange philosophies, initiatives and project knowledge with regard to sustainability and the common goal realization that energy independence is the key to a sustainable future for our entire planet.

EIA COST PROPOSAL (INCLUDING LEVERAGED FUNDS)

Brown County requests \$XX,XXX in funding for this project and will leverage almost \$XXX,XXX.

POPULATION AND REGIONAL INFORMATION

Established in 1818, Brown County is one of Wisconsin's two original counties and is today still known as the "birthplace of Wisconsin." With a citizen base estimated at 245,168 for 2008*, Brown County population growth consistently ranks as one of the fastest among metropolitan areas in the United States. Comprised of a strong mix of both urban and rural communities that both necessitate essential green energy principles, Brown County includes:

<u>2 Cities</u>	<u>Est. Pop.*</u>	<u>9 Villages</u>	<u>Est. Pop.*</u>	<u>13 Towns</u>	<u>Est. Pop.*</u>
Green Bay	103,950	Allouez	15,470	Eaton	1,582
DePere	22,645	Ashwaubenon	17,730	Glenmore	1,274
		Bellevue	14,965	Green Bay	1,959
		Denmark	2,132	Holland	1,500
		Hobart	5,875	Humboldt	1,441
		Howard	15,965	Lawrence	3,075
		Pulaski	3,311	Ledgeview	5,407
		Suamico	10,945	Morrison	1,717
		Wrightstown	2,505	New Denmark	1,551
				Pittsfield	2,685
				Rockland	1,648
				Scott	3,553
				Wrightstown	2,283

* Census information per the State of Wisconsin Department of Administration, Division of Intergovernmental Relations website

Brown County has a vibrant economy sustained by a diverse employment base, a comprehensive education system, and a healthy quality of life supported by ample cultural activities, a highly specialized medical community, abundant green space, sports and recreation including America's football team, the Green Bay Packers.

Brown County's strong mix of industries has created an exceptionally stable economy with consistently lower than average unemployment rates. Since 1990, the number of jobs in Brown County has grown faster than in any other metropolitan area of Wisconsin.

Brown County serves as a regional transportation hub for northeast Wisconsin. The County has the only complete highway belt-line in Wisconsin and is home to more than 40 truck lines, including Schneider National, one of the world's largest trucking companies. Also, Brown County is served by 6 major airlines with over 62 flights daily through Austin Straubel International Airport. 906,630 passengers traveled through Brown County in 2006, making Austin Straubel the third largest airport in Wisconsin. The Port of Green Bay moves over 2.2 million tons of cargo through the St. Lawrence Seaway between April and December each year.

ENERGY INDEPENDENCE PERSONNEL

The organizational charts under Appendix E illustrate the role played by each of the individuals listed below as well as how and to what extent each Brown County department participates in the usage, philosophy and generation of energy.

Project Champion:

Tom Hinz, County Executive

Prior to being elected County Executive in 2006, Executive Hinz served as the Brown County Sheriff for 6 years and as a member of the Green Bay Police Department for 31 years. As a recent participant in an "Energy and Environment" course study at University of Wisconsin-Green Bay, Executive Hinz holds a passion for learning and implementing new ideas, specifically in the areas of alternative energy sources and LEED building initiatives.⁷

Energy Independence Coordinator:

Bill Dowell, Director - Facility and Parks Management

Mr. Dowell joined Brown County in August 2003. Prior to that he worked in the aerospace industry, primarily at General Dynamics in various facility and management positions. Mr. Dowell earned a BSIE from the University of Tennessee and an MBA from Texas Christian University. As the champion of bringing LEED training, green cleaning and other green initiatives to Brown County, he is the natural choice to lead the Energy Independence Committee in developing strategies to achieve sustainability and alternative energy goals.

Energy Oversight Committee Members:

Pat Pelky, Director – Oneida Environmental, Health and Safety Division

With a bachelor's degree in Resource Management, Mr. Pelky has served as a leader in the Environmental, Health and Safety area of the Oneida Tribe for over 13 years, most recently as Director of the division. In this role, he works toward improving the quality of the environment as well as promoting tribal sustainable development initiatives. Mr. Pelky will bring vast knowledge and practical application ideas of sustainability to the Brown County Energy Oversight Committee.

Mike Fleck, Brown County Board Supervisor

As a former Social Studies teacher of 36 years, Supervisor Fleck brings to the committee a unique perspective on learning and a passion for education. Supervisor Fleck has served as a County Board Supervisor for over 11 years and is currently the Vice-Chair of the Brown

County Planning, Development and Transportation committee as well as a member of the Land Conservation, Legislative and Facility Master Plan sub-committees.

Kurt Hogarty, Purchasing Manager

Mr. Hogarty has been the Brown County Purchasing Manager for just over two years and has an additional seven years of experience with federal appropriated and non-appropriated fund contracting. Mr. Hogarty's overarching view of County requirements enables him to identify efficiencies through consolidation of individual department requirements into volume-based energy-conserving opportunities. He also incorporates energy-saving requirements into all competitive sourcing documents and procurement policies.

Molly Hillmann, Grant Development Coordinator

Ms. Hillmann has worked for Brown County since 2001 and recently took on the role of Grant Development Coordinator. In this role, she will play an integral part of continued participation in the 25x25 program including seeking funding opportunities for energy-saving efforts wherever possible to keep Brown County moving forward on this initiative.

John Machnik, Assistant Facility Director

Mr. Machnik has worked for Brown County Facility Management since 2004. Prior to that he earned a BSEE from Michigan Technological University and worked in mining, paper and particle board industries as a Utilities Manager and Plant Engineer. On this committee, Mr. Machnik will function as a technical resource with a focus on energy consumptions with regard to county buildings.

Chuck Larscheid, Port and Solid Waste Director

Serving Brown County for over 18 years, Mr. Larscheid holds responsibility and oversight of Brown County's Material Recycling Facility, Waste Transfer Station, Bay Port Dredged Material Disposal Facility, Household Hazardous Waste Facility, the Port of Green Bay and maintenance of two closed sanitary landfills and the Renard Island Confined Disposal Facility, in addition to heading up the Landfill Gas-To-Energy Project. Mr. Larscheid has served on the Wisconsin Recycled Markets Development Board and the Governor's Blue Ribbon Task Force for Waste Materials Recovery and Disposal.

Tom Miller, Airport Director

Mr. Miller has nearly 30 years of airport management experience, joining Brown County in 1993 and being named Airport Director in 2001. Mr. Miller recognizes that the airport in particular offers a number of unique opportunities to develop alternative energy sources, reducing Brown County's dependence on commercial energy sources.

Larry Adlebusch, Highway Shop Superintendent

Mr. Adlebusch began his work for Brown County in 1969, and in 1993 took on his current role of Highway Shop Superintendent where he oversees the mechanic shop operations, along with shop and building maintenance at four locations. Mr. Adlebusch recognizes the numerous energy-saving opportunities that encompass how the department provides safe and convenient travel on all county/state highways and local roads in Brown County.

Chuck Lamine, AICP, Planning Director

Mr. Lamine was appointed as the Brown County Planning Director in June of 1998 and has been employed by Brown County since 1995. Mr. Lamine is a member of the American Institute of Certified Planners (AICP) and is involved as an economic development professional in financing businesses that demonstrate alternative energy production and the recycling of waste products. Mr. Lamine is committed to encouraging communication, cooperation, and education as it relates to the efforts of the Planning and Land Services Department and ultimately, Brown County.

Dennis Kocken, Sheriff

As a member of the Brown County Sheriff's department since 1977, Sheriff Kocken is interested in energy efficiencies specifically in the areas of patrol (vehicle fleet) and jail policies and procedures. With his strong community presence and abundant public appearance opportunities, the Sheriff will also play an integral role in sharing Brown County's message and energy initiatives with our citizens.

William Hafs, Land and Water Conservation Director

Mr. Hafs has served as department Director since January 1983. Since that time, the Land and Water Conservation Department has provided over 36 million dollars in cost share grants and technical assistance to landowners for installation of conservation practices that improve water quality and increase efficiencies related to energy and sustainability. Mr. Hafs brings to the committee his vast knowledge, expertise and hands-on problem solving skills in this area.

Judy Knudsen, U.W. Extension Director/Family Living Educator

Ms. Knudsen has served the Brown County Cooperative Extension for 27 years. In this capacity, she provides educational programs to Brown County residents in the areas of family financial management, nutrition, human development and sustainability. Ms. Knudsen's experience in education and promotion will be invaluable to this committee.

EDUCATION AND PROMOTION

For the betterment of the community as a whole, Brown County has always believed in and actively participated in the sharing of information through partnerships with other government entities, local municipal leaders, private organizations, individuals and citizens of the community. In particular, Brown County's leadership is known for partnering, relationship-building and networking, always keeping the attitude that we are at our strongest when we teach and learn from one another.

One of Brown County's advantage points is that fact that our County U.W. Extension office is an integral part of Brown County government. Although the Extension office is readily available to serve numerous entities, Brown County's close connection with Extension staff makes the task of education and promotion a natural succession.

With guidance and assistance from our local U.W. Extension office, Brown County will utilize the following educational and promotional strategies to disseminate their energy-related efforts to our employees, our departments and the community:

Community Sustainability Webinar

Brown County UW-Extension, Brown County Planning Department and Baylakes Regional Planning Commission are co-sponsoring the UW-Extension Community Sustainability Webinar that began in October 2008 and will conclude in June 2009. The first two webinars have been attended by an average of 20 participants including individuals from local planning departments, businesses and community volunteers. We will continue to encourage participation from these groups as well as our local municipalities and government leaders.

Building Networks

Brown County UW-Extension has a long history of network building with businesses, schools, local municipalities and human service organizations in the County. This initiative will provide opportunities to develop new networks with other organizations already working on energy conservation, i.e. Oneida Tribe of Indians (our collaborative partner), Northeast Wisconsin Technical College and University of Wisconsin-Green Bay. The Brown County UW-Extension Office has a long-term relationship with the University of Wisconsin-Green Bay Office of Outreach and Extension. These organizations, in sponsorship with other

community groups, would like to explore the opportunity of a day conference on community sustainability with a tract on energy conservation.

Community Workshops

Brown County U.W. Extension staff already started working on conducting energy efficiency programs that citizens of Brown County can implement in their homes. A partnership may be developed to include Wisconsin Public Service Corporation, City of Green Bay Neighborhood Associations and Brown County UW-Extension. The three groups have an opportunity to create awareness and provide education to home owners and renters on energy conservation practices.

Newsletter Promotion

Brown County e-publishes a bi-monthly newsletter that is electronically distributed to a vast directory of individuals including county employees, other government officials and local citizens. This newsletter will outline ongoing county energy initiatives. In addition, energy conservation and sustainability tips will be incorporated into these measures at different levels of implementation—from private industry to local homeowners.

Web Site Promotion

Brown County is in the process of redesigning our entire web site with a new and exciting look and improved access to our services, information and resources. Expected to be complete by January 1, 2009, our website will be used as another promotional tool similar to our newsletter. In addition, we can hyperlink to a vast variety of resources, tools and partner web sites (such as the Oneida Tribe of Indians as well as those described on the Office of Energy Independence site) to encourage others to get involved.

Promotional Items

A variety of fun, inexpensive promotional items could make the connection between our public and the information we are looking to share from our web site promotion. Canvas shopping bags, pens, mugs, T-shirts and the like will be purchased with a personalized “green” tagline to entice individuals to find out more on our web site. We could also preset all publicly-viewed County computer screen savers and outgoing e-mails to display this motto as well. A catchy line such as “Got Green? Brown County does! Check out our latest green initiatives at www.co.brown.wi.us” could go a long way in promoting interest and excitement in Brown County energy conversation efforts.

Routine County Correspondence/Training

In addition to new promotional and educational efforts, Brown County will continue to promote our energy independence efforts and requirements to both our internal and external customers through routine County correspondence such as administrative policies, ordinances and resolutions, and energy-saving requirements in all competitive sourcing documents. Since education and promotion of any newly adopted concept starts from within, we will also incorporate our commitment to environmental awareness into all training programs and new employee orientations.

OTHER INFORMATION

As mentioned in the beginning of this narrative, Brown County is working on the following exciting projects as existing energy conservation initiatives. However, because we believe these projects to demonstrate exceptional efforts in our commitment to moving forward toward a sustainable future, we highlight them once again below:

Gas-to-Energy Project

Brown County's Port and Solid Waste department has been working on an exciting biomass energy generation project for the past several years. The Landfill Gas-to-Energy project will convert the methane gas produced from the decomposition of organic matter in the county's East Landfill to electricity that will then be sold back to Wisconsin Public Service utility company. During 2009, a landfill gas-to-energy facility will be constructed at the closed East Landfill, with electricity being generated and sold by the end of 2009.

Waste Transformation Project

Headed up by Brown County's Land and Water Conservation department, the Brown County Waste Transformation Project is another unique and exciting sustainability initiative that we are undertaking. This project is a public/private partnership that consists of converting organic waste streams from meatpackers, renderers, sewerage districts and dairies to a pelletized pathogenic-free fertilizer to be used all over the United States

Partners in the project include Brown County, Green Bay Area Chamber of Commerce, Ag Ventures LLC, Daanen & Janssen Inc., FEECO International and its partner ENCAP and the Green Bay Metropolitan Sewerage District. Additional partners may include American Foods Group, Smithfield Beef Group, Sanimax and several Northeast Wisconsin Concentrated Animal Feeding Operations.

Brown County's goal for this effort is to create a financially viable alternative to land application of the various organic wastes, create a new industry with new jobs that cannot be exported to foreign countries, manufacture natural fertilizers with technologies that reduce nutrient loss into surface and groundwater thus providing real solutions for today's environmental issues.

CONCLUSION

Thank you for your consideration of Brown County as a 25x25 Plan pilot community and grant award recipient. We believe Brown County has demonstrated a strong belief, ability and eagerness to promote conservation, energy efficiency and renewable energy resource initiatives over the past several years, and we look forward to taking the next steps. If you have any questions regarding this grant proposal, please contact Molly Hillmann, Grant Development Coordinator, at (920) 448-4083 or hillmann_mm@co.brown.wi.us.

APPENDIX A

SUSTAINABILITY RESOLUTION

December 8, 2008

TO THE HONORABLE CHAIRMAN AND MEMBERS
OF THE BROWN COUNTY BOARD OF SUPERVISORS

Ladies and Gentlemen:

BROWN COUNTY SUSTAINABILITY RESOLUTION

WHEREAS, Sustainability means satisfying our present needs without compromising the ability of future generations to meet their needs; and

WHEREAS, Sustainable County Government means:

1. Leading by demonstrating sustainable stewardship that will yield cost savings to taxpayers by reducing County operating costs;
2. Providing healthy work environments for County staff, visitors and clients while protecting, conserving and enhancing the County's resources and establishing community standards of sustainable living practices;
3. Operating County facilities to minimize environmental impacts by incorporating the use of sustainability and energy efficient materials, renewable resources, alternative energy and fuels, water conservation and waste reduction;
4. Designing, constructing new and renovating existing County facilities utilizing Green Building design guidelines including LEED and Energy Star design criteria;
5. Developing and implementing sustainable fleet management policies and procedures that will result in improved vehicle operational and maintenance practices and fuel efficiencies; and

WHEREAS, the County should be a leader in setting policies, guidelines, goals and strategic actions that will result in a more sustainable community; and

WHEREAS, the County Executive has established the Energy Oversight Committee to draft a long range energy strategic plan; and

WHEREAS, the State of Wisconsin 2025 Energy Independence goals are to:

1. Generate 25 percent of our electricity and 25 percent of our transportation fuel from renewable fuels by 2025;
2. Capture 10 percent of the market share for the production of renewable energy sources by 2030, bringing \$13.5 billion annually to Wisconsin's economy by 2030;
3. Become a national leader in groundbreaking research that will make alternative energies more affordable and available to all – and to turn those discoveries into new, high paying Wisconsin jobs.

NOW, THEREFORE BUT IT RESOLVED, that the Brown County Board of Supervisors are committed to Sustainable County Government procedures and declares itself a partner with the State of Wisconsin in the pursuit of the "25 x 25" goals for energy independence.

BE IT FURTHER RESOLVED, that the County Clerk shall provide a copy of this resolution to Governor Doyle, the Brown County state delegation and the Wisconsin Counties Association.

Fiscal Impact: None.

Respectfully submitted,

EXECUTIVE COMMITTEE

Approved By:

COUNTY EXECUTIVE

Date Signed: _____

APPENDIX B

25X25 PLAN COST ESTIMATE

25x25 EI Community Plan Cost Proposal

Activity	%	Hourly Rate	Salary	Fringe Benefits	Total	Leveraged by BC	Request
Energy Plan Coordination/Admin							
Facility & Park Mgmt (Director)	25%	42.36	22,027	11,084	33,111	16,556	16,556
Facility & Park Mgmt (Office Mgr)	10%	19.65	4,087	2,057	6,144	3,072	3,072
Total					39,255	19,628	19,628
Brown County Sustainability Plan							
BC Buildings Plan (Assist Fac Dir)	20%	32.27	13,424	6,755	20,179	10,090	10,090
Library Plan (Fac Mgr)	5%	29.28	3,045	1,555	4,600	2,300	2,300
Zoo Plan (Director)	2.5%	31.35	1,630	544	2,174	1,087	1,087
Parks Plan (Assist Parks Dir)	2.5%	31.35	1,630	661	2,291	1,145	1,145
Total					29,244	14,622	14,622
Vehicle Plan							
Sheriff (Captain)	5%	36.37	3,782	2,076	5,858	2,929	2,929
Highway (Shop Superintendent)	5%	32.27	3,356	1,928	5,284	2,642	2,642
Airport (Assist Dir)	5%	39.05	4,061	2,143	6,204	3,102	3,102
Facility & Park Mgmt (Engineer)	10%	36.25	7,540	3,794	11,334	5,667	5,667
Total					28,681	14,340	14,340
Alternative Energy Plan							
Planning & Land Services (Director)	10%	40.47	8,418	4,165	12,583	6,291	6,291
Port & Solid Waste (Director)	5%	37.08	3,856	1,777	5,634	2,817	2,817
Total					18,217	9,108	9,108
Community Outreach Plan							
Planning & Land Services (Director)	10%	40.47	8,418	4,165	12,583	12,583	0
Land Conservation (Conservationist)	5%	31.35	3,260	1,559	4,820	4,820	0
UW Extension (Education Dir)*	10%	13.72	2,854	1,113	3,967	3,967	0
UW Extension (Marketing Coord.)	10%	15.00	2,340	961	3,301	3,301	0
Total					24,670	24,670	0
Purchasing Plan							
Administration (Purchasing Mgr)	2.5%	30.77	1,600	695	2,295	2,295	0
Total					2,295	2,295	0
Training							
AEE Seminars (On Line):							
Energy Audits (6 Staff)					3,000	3,000	0
Energy Master Plan (3 Staff)					2,100	2,100	0
Sustainability Plan (3 Staff)					2,100	2,100	0
Other Training (TBD)					5,000	5,000	0
Total					12,200	12,200	0
Total EIA Project Costs					\$154,560	\$96,862	\$57,698

* Adjusted to reflect 40% portion paid by County

**LETTERS OF
RECOMMENDATION/SUPPORT/COMMITMENT**

Local Government Institute of Wisconsin

Bringing Local Governments Together to Serve

999 Fourier Drive, Suite 201
Madison, WI 53717
608.831.1662
www.localgovinstitute.org

November 17, 2008

Tom Hinz
Brown County Executive
305 E. Walnut St.
Green Bay, WI 54301

Dear Mr. Hinz;

Thank you for contacting the Local Government Institute regarding the County's application to the Energy Independent Communities Grant program. Based upon our phone conversation today, it appears that Brown County is eligible to apply to the program and the County is working with UW Extension to design a process for preparing an Energy Independence Plan.

As you know, this will be a highly competitive grant program. Five to ten awards will be made and the Office of Energy Independence is aware of at least 30 applications being prepared. Thank you for your interest in improving the energy efficiency of your county government.

Sincerely,



Gary Becker, CEcD
Executive Director
Local Government Institute
999 Fourier Dr., Suite 201
Madison, WI 53717
(608) 831-1662
www.localgovinstitute.org

UW-EXTENSION

Brown County

AGRICULTURE & EXTENSION SERVICE CENTER
1150 BELLEVUE ST.
GREEN BAY, WI 54302-2259

JUDITH A. KNUDSEN

PHONE (920) 391-4610 FAX (920) 391-4617
www.browncountyextension.org

DIRECTOR

December 10, 2008

Mr. Brian Driscoll
Office of Energy Independence
17 West Main Street
Room #429
Madison, WI 53702

Dear Mr. Driscoll:

As Director/Family Living Educator of the Brown County UW-Extension Office, I am writing in support of Brown County being considered for the Wisconsin Office of Energy Independence "EI Community 25x25 Plan."

During the past few years, the Brown County UW-Extension Office has partnered with Wisconsin Public Service Corporation to offer home weatherization sessions for county residents. Brown County UW-Extension is currently offering a 9 month series on community sustainability in cooperation with the Brown County Planning Department and Baylakes Regional Planning Commission.

Brown County UW-Extension provides education to Brown County residents in the areas of family living, agriculture, horticulture, and youth development. Over the years we have successfully worked with a number of community organizations, schools, and businesses to develop, implement and evaluate educational programs. With our experience in providing educational program and connections in the community, we will continue to develop, market, and offer programs in the areas of energy conservation and sustainability to county employees as well as county residents. In addition information on energy conservation and sustainability will be disseminated through a number of sources including mass media and Brown County website.

Brown County is committed to energy independence as a strategy for achieving community sustainability. This funding will provide an opportunity for Brown County to create and implement a plan to achieve energy independence. Thank you for your consideration of Brown County as an EI Community.

Sincerely,



Judith A. Knudsen
Director/Family Living Educator
Brown County UW-Extension



Wisconsin Public Service Corporation

2850 South Ashland Avenue

P.O. Box 19001

Green Bay, WI 54307-9001

www.wisconsinpublicservice.com

December 8, 2008

Mr. Brian Driscoll
Office of Energy Independence
17 West Main Street
Room #429
Madison, WI 53702

Dear Mr. Driscoll:

Wisconsin Public Service (WPS) is a natural gas and electric utility serving northeastern and central Wisconsin as well as an adjacent portion of Upper Michigan. As of WPS, I am Account Executive writing in support of Brown County being selected as a participant in Wisconsin's Energy Independence Community 25x25 Plan.

Over the years, WPS has taken an aggressive stance with regard to the conservation of energy and reducing its impact on the environment. We invest in improved energy efficiency and conservation in our operations and actively encourage our customers to do the same.

In line with WPS's environmental principles, Brown County has shown the eagerness and dedication to implement and promote energy-saving initiatives within their region. Therefore, we enthusiastically recommend and support Brown County in their efforts to proceed as an Energy Independent Community

If you have any further questions, I can be reached at (920) 617-5185. Thank you for your time and consideration of Brown County.

Sincerely,

Robert T. Laskowski
Wisconsin Public Service
2850 S. Ashland Avenue
Green Bay WI 54307

WISCONSIN
COUNTIES
ASSOCIATION

22 EAST MILLIN STREET, SUITE 900
MADISON, WI 53703
TOLL FREE 1.866.404.2700
PHONE 608.663.7188
FAX 608.663.7189
www.wicounties.org

December 5, 2008

Brian Driscoll
Office of Energy Independence
17 West Main Street, Room 429
Madison, WI 53702

Dear Mr. Driscoll:

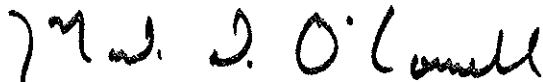
The Wisconsin Counties Association (WCA) is pleased to provide this letter of support for Brown County, which has applied to the Office of Energy Independence for consideration as a grant recipient under the 25% by 2025 Plan grant program.

WCA has worked with the Office of Energy Independence to promote alternative energy awareness among Wisconsin's local governments. We know and value the role of planning efforts such as "25 x 25" in helping Wisconsin attain a new - and necessary - level of energy independence. We particularly appreciate the grant program now created in conjunction with "25 x 25" as we know that these grants will fill a vital need for local governments across the state.

We are particularly pleased to offer this letter of support to the application made by Brown County for funding under the program. As you will see in the accompanying materials, Brown County has been working on energy issues for some time and has shown leadership in this field. We commend Brown County for their past work and for their initiative in applying for this grant program; we support their application for this grant.

Thank you again for creating and implementing this program for Wisconsin's local governments and for Wisconsin's energy future. Please feel free to contact me if you have questions.

Sincerely,



Mark D. O'Connell
Executive Director

Oneida Tribe of Indians of Wisconsin

BUSINESS COMMITTEE



Oneidas bringing several hundred bags of corn to Washington's starving army at Valley Forge, after the colonists had consistently refused to aid them.



UGWA DEMOLUM YATEHE
Because of the help of this Oneida Chief in cementing a friendship between the six nations and the colony of Pennsylvania, a new nation, the United States was made possible.

P.O. Box 365 • Oneida, WI 54155
Telephone: 920-869-4364 • Fax: 920-869-4040

December 10, 2008

Mr. Tom Hinz, County Executive
Brown County Office
305 East Walnut Street
Green Bay, WI 54301

Dear Executive Hinz:

The Oneida Tribe of Indians of Wisconsin is most pleased to support Brown County's application for State funds to establish a baseline of energy usage throughout County building and properties. We wholeheartedly support the Governor's 25 X 25 Plan and are gratified that Brown County is prepared to take up this challenge in its customary positive and professional manner.

You are personally familiar with our Nation's commitment to environmental quality and Seven Generation planning. The work that you are about to undertake is certainly consistent with our highest priorities. If we can be of further assistance as you move forward please advise.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard G. Hill".

Richard G. Hill
Tribal Chairman

EXECUTIVE

Brown County

305 E. WALNUT STREET
P.O. BOX 23600
GREEN BAY, WI 54305-3600



TOM HINZ

PHONE (920) 448-4001

FAX (920) 448-4003

December 4, 2008

Mr. Brian Driscoll
Office of Energy Independence
17 West Main Street
Room #429
Madison, WI 53702

Dear Mr. Driscoll:

I am writing this letter of support for Brown County to participate in the E1 Community 25x25 Plan offered by the Wisconsin Office of Energy Independence. We are dedicated to energy conservation and gaining efficiencies. Brown County pledges to commit resources toward turning Brown County green.

Our county has already started on this journey. Our new Brown County Community Treatment Center and Public Safety Communications Center will both be LEED certified buildings. We all need to do our part; Brown County is committed to doing its share.

We clearly see that energy independence is the key for a sustainable future. Generations to come deserve to grow up in a clean environment. I whole heartedly support this energy independence initiative and ask that you seriously consider Brown County for future projects.

Thank you for considering Brown County as an Energy Independent Community.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tom Hinz".
Tom Hinz
Brown County Executive

**FACILITY AND PARK
MANAGEMENT**

Brown County



111 NORTH JEFFERSON STREET, ROOM 220
PO BOX 23600
GREEN BAY, WISCONSIN 54305-3600

WILLIAM E. DOWELL, CFM

PHONE (920) 448-4055 FAX (920) 448-4054
E-MAIL dowell_we@co.brown.wi.us

DIRECTOR

December 10, 2008

Mr. Brian Driscoll
Office of Energy Independence
17 West Main Street
Room #429
Madison, WI 53702

Dear Mr. Driscoll:

As Brown County Director of Facility and Park Management, I am writing to let you know of our support and commitment to the Wisconsin Office of Energy Independence El Community 25x25 Plan.

Over the past several years, our Department has had a very active role in developing and implementing sustainable procedures and projects for Facilities and Parks at Brown County. These have included installation of Building Automation Systems, high efficiency HVAC systems, lighting improvements, water conservation, and Green Cleaning. Most recently we have committed to using green criteria in the design and construction of new buildings and grounds. We presently have two new buildings under construction which are designed as LEED silver buildings.

We recognize that energy independence is the key to a sustainable future and we are very excited to have the opportunity to become a Community Partner. I am looking forward to participating with Brown County's Energy Independence Committee in developing a comprehensive county sustainability plan that will allow us to continue with energy efficiency and other green initiatives as well as achieve 25x25 alternative energy and alternative fuel goals.

If you have any questions, I can be reached at the phone number above.

Sincerely,

A handwritten signature in dark ink, appearing to read "W E Dowell".

William E. Dowell
Director, Brown County
Facility and Parks Management